

**DIVISION OF ENVIRONMENTAL HEALTH
SOLID WASTE PROGRAM
610 UNIVERSITY AVENUE
FAIRBANKS, ALASKA 99709-3643**
<http://www.state.ak.us/dec/>

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File Number: 850.15.002**

November 7, 2000

CERTIFIED MAIL - RETURN RECEIPT REQUESTED #

Honorable Violet Burnham
Mayor, City of Kaltag
P.O. Box 9
Kaltag, AK 99748

Dear Mayor Burnham:

Re: Kaltag Solid Waste Disposal Permit #0031-BA013

The Department of Environmental Conservation has completed its evaluation of your request for a solid waste disposal permit for the operation and maintenance of a municipal solid waste landfill located 1.3 miles east of Kaltag on the BIA Road. The landfill consists of approximately 6.5 acres. A portion of the landfill is located within Lot 2 of U.S. Survey 9623, Alaska and a portion is within Section 6, Township 14 South, Range 1 East, Kateel River Meridian, Alaska. The Department is issuing this permit in accordance with AS 46, 18 AAC 15, and 18 AAC 60. Please review the conditions and stipulations in the permit and ensure they are all understood. This permit is effective upon issuance and expires **October 15, 2005**.

Any person who disagrees with this decision may appeal the decision by requesting an adjudicatory hearing, using the procedures contained in 18 AAC 15.200-310. Hearing requests must be delivered to the Commissioner of the Department of Environmental Conservation, 555 Cordova Street, Anchorage, Alaska 99501, within 30 days of receipt of this letter. If a hearing is not requested within 30 days, the right to appeal is waived. Please also send a copy of the request to the undersigned.

Sincerely,

Heather Stockard
Solid Waste Program Manager

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Enclosure: Permit 0031-BA013
cc: Gan-a' Yoo Limited



**ALASKA DEPARTMENT
OF
ENVIRONMENTAL CONSERVATION
NORTHERN REGIONAL OFFICE
610 UNIVERSITY AVENUE
FAIRBANKS, ALASKA 99709-3643

SOLID WASTE DISPOSAL PERMIT**

Permit: **#0031-BA013**

Date: November 7, 2000

This Solid Waste Disposal Permit is issued to the City of Kaltag for the operation and maintenance of a municipal solid waste landfill for the disposal of household and commercial refuse, construction and demolition debris, ash, animal waste, scrap white goods, scrap metal, cleaned drums and junk equipment and vehicles. The landfill consists of approximately 6.5 acres and is located 1.3 miles east of Kaltag on the BIA Road. A portion of the landfill is located within Lot 2 of U.S. Survey 9623, Alaska and a portion is within Section 6, Township 14 South, Range 1 East, Kateel River Meridian, Alaska. This permit is subject to the conditions and stipulations contained in Appendices A and B, which are incorporated herein by reference.

This permit is issued under provisions of Alaska Statute 46.03, the Alaska Administrative Code, as amended or revised, and other applicable State laws and regulations.

This permit is effective upon issuance and expires **October 15, 2005**. It may be terminated or modified in accordance with AS 46.03.120.

Heather Stockard
Solid Waste Program Manager

APPENDIX A - SPECIFIC CONDITIONS

I. SITE DEVELOPMENT

The permit holder shall:

- A. Comply with the City of Kaltag permit application dated June 22, 2000 which includes the City of Kaltag Solid Waste Management Plan dated April 2000 and the Landfill Operations Manual dated April 2000, as well as the following permit conditions. Apply in writing for a permit amendment if any changes to the permit are needed. Changes to the permit are not in effect until approved by the ADEC Solid Waste Program.
- B. Make sure that all operations will adapt and fit to the volume of waste produced by the community. Make sure all operations are done in a manner that will make it easy to close the landfill at some point in the future.
- C. Construct and maintain ditches or berms as needed to keep surface water away from the landfill. Grade and fill the landfill to keep surface water away from active and closed trenches.
- D. Post and maintain a sign at the entrance to the site with the following information clearly printed and easily visible:

Landfill Operator Name
Operator/Owner Name
Conditions for Use
Emergency Phone Numbers

- E. Post and maintain a sign that lists items prohibited in the landfill. Prohibited items include waste oil and oily wastes, acids, batteries, solvents, fish waste, sludge and honey buckets, medical waste, hazardous materials, oily wastes, explosives, radioactive wastes, or medical waste, and any other wastes the City chooses not to accept.
- F. Post and maintain easy-to-read signs that direct users to different areas within the landfill, such as the active dumping area and the salvage area. Post and maintain easy-to-read signs that describe the rules for each of these areas.
- G. Construct and maintain a fence and gate to control wildlife and domestic animals. Post and maintain a sign that directs users to close the gate after each use.

I. SITE DEVELOPMENT (cont.)

H. Comply with permit conditions that reduce wildlife hazards in this area since the preferred distance of 5000 feet from the airport is not met. FAA has issued a final letter of non-objection dated July 9, 1999 for this landfill location provided the following conditions are met:

1. A burn box or some other burning device is operating at the landfill;
2. Animal carcasses are burned. If not burned, lime and cover is available with instructions on how to use;
3. Wildlife activity is monitored with plans to reduce activity if activity increases.

Other permit conditions that specifically keep the airport property safe from bird hazards are ones that describe:

1. How to separate and fully burn waste without black smoke;
2. How frequently waste should be covered; and
3. Prohibiting fish waste from the landfill.

II. SITE OPERATION

The permit holder shall:

A. General Operating Procedures

1. Make sure the only waste disposed of at this site are household and commercial refuse, ash, animal waste, scrap white goods, scrap metal, cleaned drums, junk equipment or vehicles, and construction and demolition debris by permission of the City of Kaltag.
2. Maintain a controlled salvage area for items that can be used by others or for parts. Keep this area clean and neat for public use. Clean this area **twice a year** by placing unused materials in the working face for burial. Clean up on a more frequent basis if the area becomes a litter, nuisance, or safety problem.

A. General Operating Procedures (cont.)

3. Make sure the public is aware of the rules and operations plan for the landfill by posting them in a public place and by any other means effective for this community. Inform the public on:
 - a) Types of waste accepted and not accepted at the landfill;
 - b) Where and how they can dispose of prohibited wastes;
 - c) Any efforts or program by the City to reduce and recycle waste;
 - d) Types of waste that should be separated for burning in the burn box or other burning device;
 - e) The importance of burning only in the burn box and not igniting any waste that would cause black smoke; and
 - f) The importance of restricted wildlife access to the landfill and keeping the gate closed.
4. Control public access to the site, as needed, to reduce risks to public health and safety.

B. Burial

1. Keep a distance of **50 feet** between the property boundary and the edge of all active and closed trenches.
2. Maintain a separation distance of at least **ten feet** between the base of all trenches and the seasonal high groundwater.
3. Make sure that the width of the working face does not exceed **thirty feet** and the depth of the working face does not exceed **five feet**. The working face is defined as the area of uncovered wastes. Construct trenches with a width of 30 feet in order to limit the size of the working face.
4. Keep the uncovered working face as small as practical in order to reduce wind-blown litter and the attraction of birds and animals.
5. Gather all loose debris within the working face. Compact refuse in a layer no deeper than **2 feet** by using 3 to 5 passes of the bulldozer or compaction equipment before burial.
6. Gather, compact, and bury waste with a minimum of **six inches** of compacted soil **every two weeks** during the summer months whenever the soils are workable.
7. Gather and compact waste every two weeks during the winter months. Cover compacted waste with a minimum of **6 inches** of soil as soon as soils are workable in the spring.

B. Burial (cont.)

8. Make sure solid wastes are not placed or remain in surface waters. Remove any collected surface waters immediately. Do not allow surface waters to collect at the landfill site for a period greater than 30 days.
9. Make sure waste oils or oily wastes are managed in accordance with 40 CFR 279. Oil filters must be hot drained and crushed or incinerated prior to disposal.
10. Make sure large containers such as barrels and drums are empty of fluids before crushing and burial. All fluids removed from drums shall be properly disposed of in accordance with all applicable State and Federal laws, including but not limited to, RCRA, the Clean Air Act, Title 46 of Alaska Statutes and 18 AAC 60.
11. Make sure scrap vehicles or automobiles have been drained of all petroleum products and coolants before placing in the landfill. Make sure any lead-acid batteries have been removed prior to disposal.
12. Make sure that 2 feet of final cover is applied within 90 days after the last waste is placed into a full trench.

C. Burning

1. Prohibit open burning on the working face and immediately extinguish any fires that occur on the working face. Maintain an adequate amount of cover material at the site to prevent fires at or around the landfill. If the operator is unable to suppress the fire, the City will be notified immediately.
2. Notify the Department of Environmental Conservation, Northern Regional Office, at 451-2108 within 24-hours of a fire that occurs on the working face.
3. Allow controlled burning of wastes only in a burn box or other enhanced burning device in a manner that does not create black smoke. Burn waste in the burn device weekly, year-round, as weather permits. Burn waste only when an attendant is on duty.
4. Post and maintain a sign that describes waste that are prohibited in the burn device. Develop and carry out a plan to separate burnable wastes as needed, to make sure waste burns efficiently without smoldering or generating black smoke.
5. Extinguish burning waste if black smoke occurs. After burn is extinguished and debris has cooled, remove any items that are causing the black smoke.

C. Burning (cont.)

6. Remove ash from the burn device **at least once each month**, or more often if needed to maintain airflow for efficient burning.
7. Prohibit open burning during periods of high wind, dryness or other conditions that may cause wildfires or create a public nuisance.

D. Animal and Fish Waste

In accordance with City of Kaltag's Solid Waste Management Plan and Operations Plan, fish waste will not be accepted at the landfill. Animal carcasses and parts will be immediately burned in the burn box or other burning device and ash disposed of in the active disposal trench. If at some point in the future, animal waste is accepted but not burned in the burn box, the operator shall:

1. Make sure dead animals and animal parts are coated with a thin layer of hydrated lime and covered immediately with at least twelve inches of soil after each disposal.
2. Maintain a covered container and supply of hydrated lime and cover material at the landfill in an area protected from the weather for use by the operator or local residents. Maintain a sign with instructions for liming and covering dead animals immediately.

E. Access

Construct and maintain on-site roads as needed to control traffic safely at the landfill. Traffic control means the site supervisor or person responsible for managing the landfill will maintain positive control of all persons who are within the landfill boundaries, and will make sure that refuse is placed in approved locations. Dumping in unauthorized areas violates conditions of this permit and Alaska Administrative Codes.

F. Litter

Collect all windblown and littered refuse from the disposal site and all along the access road to the site at least once each month and return it to the active disposal trench for burial. Collect all litter on lands within 500 feet of the site, whether windblown or dumped, as needed to prevent this litter from becoming an aesthetic nuisance.

G. Snow Control

1. Remove snow from active and closed disposal trenches, from uphill of the active disposal trench, and from any area of operation, before spring snowmelt to keep snow from melting and collecting in the disposal trench.

G. Snow Control (cont.)

2. Place any snow removed in an area that is away from the active trench but within the landfill boundary. Collect any litter that emerges as the snow pile melts and place the litter in the active disposal trench.
3. Construct snow fences or berms as needed to control blowing snow at the site.

III. PROHIBITIONS AND SPECIAL RESTRICTIONS

- A. Prohibit discharge of firearms at the landfill.
- B. Prohibit disposal of hazardous wastes, as defined in 40 CFR 261.3, oily wastes, waste oil, greases, paints, sludges, and chemical wastes at this landfill.
- C. Prohibit disposal of lead-acid vehicle batteries at this site. Kaltag's Solid Waste Management Plan states batteries may be stored temporarily in a designated area near the City Hall in covered, leak-proof storage containers prior to their transport to a recycler or permitted disposal site.
- D. Prohibit disposal of asbestos at this site.
- E. Prohibit storage of used oil, antifreeze or other bulk liquids at the landfill site. Used oil and other hazardous bulk liquids must be stored in a bermed and lined area located away from the landfill. Containers within the landfill must hold one gallon or less of non-hazardous liquid.
- F. Prohibit disposal of contaminated soil which contains metals or other chemicals in concentrations that the Department determines poses an unacceptable risk to human health or the environment. Prohibit the disposal of contaminated soil which:
 1. Contains concentrations of hazardous substances exceeding one or more of the applicable migration to groundwater levels set in 18 AAC 75.341 Table B1 or Table B2;
 2. Exhibits the characteristic of toxicity described in 40 C.F.R. 261.24(a); or
 3. Is determined by the department under 18 AAC 75 to pose a migration to surface water threat. Soil contamination that does not exceed migration to groundwater levels may still be considered contaminated soil under 18 AAC 75.
- G. Prohibit the disposal of unsterilized medical waste. Medical waste must be treated and packaged to prevent a health hazard before disposing of in the landfill. Burning in a burn barrel does not sterilize or adequately treat pathogenic medical waste.

IV. MONITORING AND REPORTING

The permit holder shall:

- A. Visually inspect the entire site each month for signs of damage or potential damage from settlement, ponding, leakage, erosion, or operations at the site. Complete the monthly visual monitoring checklist, and report any problems and any steps taken to correct damage problems or permit violations. Keep the completed monthly checklists in the landfill's operating record for review during DEC inspections.
- B. Maintain a set of site plans which describes how the site is being used and developed which includes a diagram of active and closed trenches, existing fencing and gates, berms, and any special use areas within the landfill. Send the ADEC Solid Waste Program an updated copy of site development and use plans by **December 31** of each year while the permit is in effect.
- C. Maintain an Operating Record in a readily accessible place in the community or at the landfill containing:
 - 1. A copy of the permit application and permit.
 - 2. Training records and notification procedures to exclude receipt of hazardous waste as required by 18 AAC 60.240.
 - 3. Any demonstration, certification, or inspection data required in this permit including how the landfill meets Class III criteria for waste volume.
 - 4. The operating plan described in 18 AAC 60.210(b)(9).
 - 5. Updated site drawings of the landfill.
 - 6. Location restriction demonstrations such as those for minimum distance to runways or flood plains.
 - 7. Copies of visual inspection records for the landfill.

V. CLOSURE AND RESTORATION

The permit holder shall:

- A. Notify the Department's appropriate Regional Office at least thirty (30) days before the site is to be permanently closed and the equipment withdrawn.
- B. Make sure the final cover is at least two feet deep and is placed on the final disposal area **within 90 days** after the last waste is disposed. The top six inches of material shall consist of soil that is able to keep enough water within the soil to revegetate the site with native vegetation or grasses.
- C. Develop and carry out a vegetation plan for covering the closed areas of the landfill within the first growing season after closure. Use plant species recommended by the Alaska Plant Materials Center (907) 745-4469.

- D. Make sure the covered areas and drainage control structures are graded to keep surface water from flowing on, over or through the site. Maintain the site to prevent ponding and erosion and minimize the amount of water entering the solid waste.
- E. Do additional work to restore the surface of the landfill if significant erosion, ponding, settlement, or lack of success with revegetation has occurred within five (5) years of closing areas of the landfill.
- F. Prepare a survey as-built or record drawings showing the location, type and volume of waste deposited at the solid waste disposal site.
- G. After final closure of the entire site, file the survey as-built or record drawings with the State Recorder's Office along with a file notation that would be found by a title search of the property. The file notation should inform future property owners that:
 - 1. This property may not be suitable for some uses;
 - 2. Maintenance and repairs to the property might become necessary to prevent pollution problems at the site; and
 - 3. Any activity that results in damage to the final cover of the property must be corrected to control potential pollution problems.
- H. Submit a copy of the survey as-built or record drawings and proof of such recording to the appropriate DEC regional office within 60 days of the final closure or the expiration date of this permit.

APPENDIX B - GENERAL PERMIT CONDITIONS

I. ACCESS AND INSPECTION

The permittee shall allow the Commissioner or his/her representative access to the permitted facilities at reasonable times to conduct scheduled or unscheduled inspections or tests to determine compliance with this permit, State laws, and regulations.

II. INFORMATION ACCESS

Except for information relating to confidential processes or methods of manufacture, all records and reports submitted in accordance with the terms of this permit shall be available for public inspection at the State of Alaska Department of Environmental Conservation, Fairbanks Office, 610 University Avenue, Fairbanks, Alaska 99709-3643.

III. CIVIL AND CRIMINAL LIABILITY

Nothing in this permit shall relieve the permittee from civil or criminal penalties for noncompliance, whether or not such noncompliance is due to factors beyond his control, including, but not limited to, accidents, equipment breakdowns, or labor disputes.

IV. AVAILABILITY

The permittee shall post or maintain a copy of this permit available to the public at the landfill.

V. ADVERSE IMPACT

The permittee shall take all necessary means to minimize any adverse impacts to the receiving waters or lands resulting from noncompliance with any limitation specified in this permit, including any additional monitoring needed to determine the nature and impact of the noncomplying activity. The permittee shall cleanup and restore all areas adversely impacted by the noncompliance.

VI. CULTURAL OR PALEONTOLOGICAL RESOURCES

Should cultural or paleontological resources be discovered as a result of this activity, work which would disturb such resources is to be stopped, and the State Historic Preservation Office, Division of Parks and Outdoor Recreation, Department of Natural Resources, is to be notified immediately (907-269-8721).

VII. APPLICATIONS FOR RENEWAL

In accordance with 18 AAC 15.100(d), applications for renewal or amendment of this permit must be made no later than 30 days before the expiration date of the permit or the planned effective date of the amendment.

VIII. OTHER LEGAL OBLIGATIONS

The requirements, duties, and obligations set forth in this permit are in addition to any requirements, duties, or obligations contained in any permit that the Alaska Department of Environmental Conservation or the U.S. Environmental Protection Agency has issued or may issue to the permittee. This permit does not relieve the permittee from the duty to obtain any and all necessary permits and to comply with the requirements contained in any such permit or with applicable state and federal laws and regulations. All activities conducted by the permittee pursuant to the terms of this permit and all plans implemented by the permittee pursuant to the terms of this permit shall comply with all applicable state and federal laws and regulations.

IX. POLLUTION PREVENTION

In order to prevent and minimize present and future pollution, when making management decisions that affect waste generation, the permittee shall consider the following order of priority options: waste source reduction; recycling of waste; waste treatment; and waste disposal.